

LINDTM

Automobile Power Adapter

The LIND Laptop Power Adapter is specifically designed to operate your laptop computer and to charge the internal battery. The adapter supplies precise current and voltage levels required by the laptop. The output of the adapter closely emulates the laptop's own AC adapter output.

The LIND Power Adapter provides a safe power source by protecting your computer from spikes and power surges which may occur in a DC voltage electrical system.

**Adapter #PA1540-xxx is used for:
Panasonic ToughbookTM
CF-01,-17, 25,-27,-28,-34,-35,-45,-47,-48,-61 -62,-63-71,-72**

Special Use Warning

Do not use the PC while driving your vehicle.

Close the LCD screen while driving.

Do not allow vibration or shock while PC is in operation.

This adapter will not charge the PC when the input voltage drops below 11VDC.

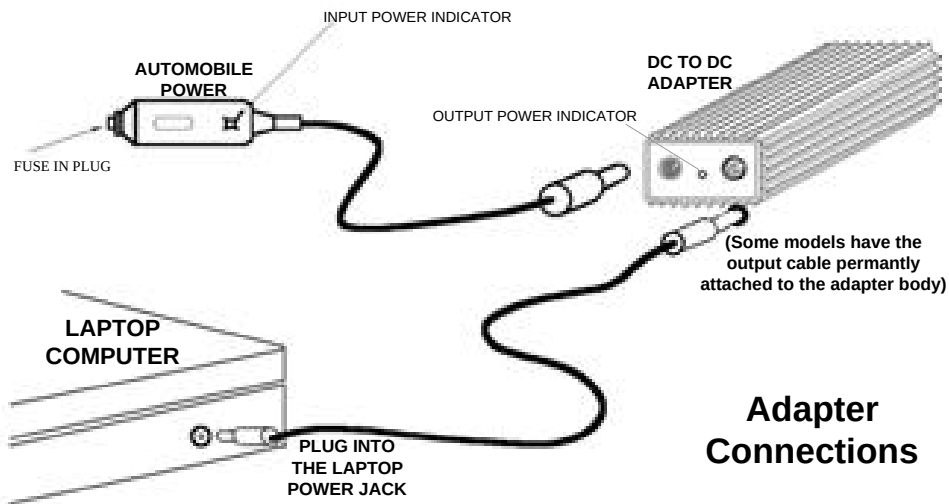
Do not use this adapter with lighter plug splitter or extender cables. These devices can cause the adapter cigarette lighter plug to become very hot.

For assistance and recommendations for connecting multiple devices to the 12VDC source, call Lind Technical Assistance at:

800-659-5956 or 952-927-6303

Operating Instructions

Simply insert the lighter plug into the socket of a car, or other 12VDC source. The output cable plugs directly to the jack on the laptop where the AC power supply is normally connected. The LED in the lighter plug lights to indicate power is supplied. The LED in the adapter housing indicates that power to the output of the adapter is present. If the LED does not light, check the 12VDC source or the lighter plug's internal fuse. The adapter fuse is accessed by unscrewing finger nut on the end of the cigarette lighter plug.

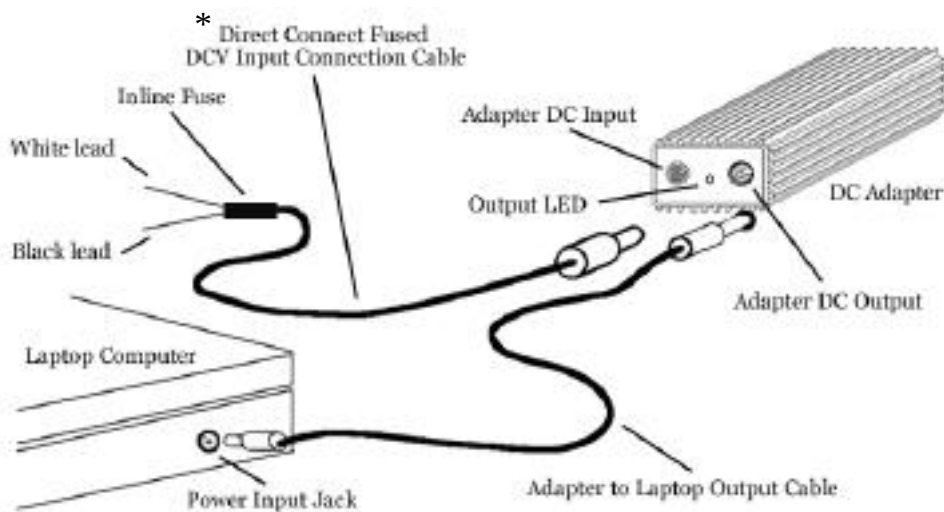


Technical Information

Power Input	- 12 to 16 VDC
Power Output:	- Noted on label
Input Auto Cable	- 36 Inches
Output Cables	- 36 Inches
Indicators	- LED on automobile plug (Input present) - LED on adapter (Output power present)
Features	- Output Short Circuit Protected - Output Current Limit - Output Overvoltage Limit - Input & Output Noise Filter - Internal Overtemperature Shut-Off

Connection Instructions for Hard Wired DC Input Cable

* Part Numbers: #CBLPW-00220A - 27", 18 AWG Wire
#CBLPW-00220B - 36", 18 AWG Wire
#CBLPW-00220C - 72", 18 AWG Wire



Connect white lead wire (positive) to the positive power connection point of the vehicle.

Connect the black lead wire(negative) to a location that will provide suitable connection to the vehicle's negative ground.

Common Questions Concerning Laptop Power Adapters

If the LED on the automobile power plug or the output LED on the adapter does not light when plugged in, what is wrong? Some cars must be running or must have the key ON to have power at the lighter socket. . It is also possible that one of the safety circuits in the adapter has been activated. Check the fuse in the cigarette power cable connector.

Is it normal for the adapter to get warm in use? Yes. Restricted air flow around the adapter may even cause the adapter to overheat and shut down. This is a safety feature and does no harm to the adapter or your computer. Do not place the adapter in the automobile glove compartment or cover it with anything in such a way that heat can not dissipate.

Does it matter which cable gets plugged in first? No.

Can I plug the computer in when it is running? Yes.

Is it OK to start or stop the automobile engine with the adapter plugged in? Yes, but do not jump start the automobile with the adapter in place. Many jump start systems use high voltages that will normally shut down the adapter output but extreme voltage spikes may damage the adapter circuitry. Starting the Automobile may turn the adapter off. After a ten second delay, the adapter will start back up.

Can this adapter be used with a multi output cigarette plug splitter?

Use extreme caution with lighter plug splitter cables. These devices can cause the cigarette lighter plug on the adapter to become very hot. The plastic cases of these splitters can entrap the heat and not allow it to dissipate. Call us for alternate ways of connecting more than one device to your 12VDC source.

LINDELECTRONICS manufactures DC Power Adapters, Auxiliary Power Packs, Battery Chargers and Batteries for many other laptops.

Replacement 36" automobile cable: Order #CBLAU-00218D.

Replacement output cable: Order #CBLPW-10019A.

Limited Warranty

Lind Electronics, Inc. (LIND) warrants the circuit assembly portion of products manufactured by it to be free of defects in material and workmanship for a period of 3 years from the date of purchase under normal use. During this warranty period, LIND will, at its option, repair or replace the product at no charge for parts or labor when the product is returned postage paid as a complete unit to LIND. Proof of purchase and a letter explaining the problem must accompany the returned unit.

This warranty does not apply if the product has been altered or subjected to abuse, accident or misuse. This warranty excludes incidental or consequential damage resulting from the product or the use of the product. This warranty is in lieu of all other warranties expressed or implied and no person is authorized to assume for LIND any other liability in conjunction with this product. The warranty gives you, the purchaser, specific legal rights and you may have other rights which may vary from state to state.

The adapters are independently tested and certified to be compliant with FCC Class B, RTCA DO-160D Section 21, DO-233, UL, CSA, VDE and European CE guidelines. Use only with IT Equipment. Protection Class III.



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